

## 2+2 Articulation Agreement for Harford Community College and Towson University

**Associate's Degree:** A.S. in Exercise Science

**Bachelor's Degree:** B.S. in Exercise Science

**Effective Term:** Fall 2019

### Section 1: Course Completion Plan for Harford CC

This section outlines the courses to take for the Harford Community College general education and program requirements in order to complete both degrees within a total of 4 years and 120 credits. Refer to section 2 for specific course details and transfer planning information.

**Table 1: General Education Courses Applied to TU Core Curriculum**

Harford CC Requirement	Harford CC Course to Take	Credits	Towson University Equivalent Course
English Composition	ENG 101 English Composition (GE)	3	ENGL 102 Writing for a Liberal Education
Mathematics	MATH 216 Intro to Statistics (GM)	4	MATH 231 Basic Statistics
Arts/Humanities	CMST 210 Group Communication & Leadership (GH)	3	COMM TLL Communication Studies Elective
Arts/Humanities	Arts/Humanities Elective (GH)	3	Equivalency will vary by course.
Behavioral/Social Science	PSY 101 General Psychology (GB)	3	PSYC 101 Introduction to Psychology
Behavioral/Social Science	Behavioral/Social Science Elective (GB)	3	Equivalency will vary by course.
Biological/Physical Laboratory Science	BIO 119 Biology for Health Professionals (GL)	4	BIOL 191 & 191L Intro to Biology for Health Professions Lecture & Lab
Biological/Physical Laboratory Science	CHEM 111 General Chemistry I (GL)	4	CHEM 131 & 131L General Chemistry I Lecture & Lab
General Education Elective	HLTH 101 Contemporary Health Issues (GI)	3	HLTH 101 Wellness for a Diverse Society
General Education Elective	BIO 203 Anatomy & Physiology I (SL)	4	BIOL 221 & 221L Human Anatomy & Physiology I Lecture & Lab

**Total general education applied to the TU Core Curriculum: 34 credits**

Completing the courses above will satisfy the general education program at Harford CC. TU will transfer these courses without a course-by-course match to the Core Curriculum requirements. See section 2 for details.

**Table 2: Program Requirements and Electives Applied to TU Degree**

Harford CC Requirement	Harford CC Course to Take	Credits	Towson University Equivalent Course
Program Requirement	BIO 204 Anatomy & Physiology II (GL)	4	BIOL 222 & 222L Human Anatomy & Physiology II Lecture & Lab
Program Requirement	EXSC 101 Introduction to Exercise Science	3	KNES 297 Foundations of Exercise Science
Program Requirement	EXSC 201 Fitness Assessment & Program Design	3	KNES 265 Fundamentals in Health and Physical Fitness Assessment
Program Requirement	EXSC 202 Fitness Instruction	3	KNES T72 Practical & Instructional Skills in Exercise Leadership
Program Requirement	EXSC 283 Exercise Science Internship	3	KNES T98 Internship in Exercise Science
Program Requirement	HLTH 102 EMC, First Aid & Safety	3	HLTH 103 EMC, First Aid, & Safety
Program Requirement	PE 229 Advanced Weight Training	1	PHEA TLL Physical Activity Elective
General Elective	MATH 101 College Algebra (GM)	3	MATH 115 College Algebra
General Elective	Any transferable elective course.	3	Equivalency will vary by course.

**Total program requirements applied to the TU degree: 26 credits**

**Total transferred to TU: 60 credits**

Students may transfer a maximum of 64 credits. If students do not complete all courses listed in section 1, they are not guaranteed completion of the bachelor’s degree in 2 years.

## Section 2: Harford CC Course Selection Details

This section explains any specific course selections made in section 1 and provides transfer planning guidance specific to this degree plan. Students must follow the course selections outlined in this document. If students do not complete any or all of the courses outlined in this agreement, they will be required to complete outstanding requirements at TU.

### GENERAL EDUCATION

Students must take the following courses for their general education requirements:

- **Arts/Humanities (GH) or Behavioral/Social Sciences (GB):** Take an approved **Diversity (D)** course in one of these general education areas in order to satisfy Harford CC graduation requirements.
- **Biological/Physical Science (GL):** Take **BIO 119 Biology for Health Professions** in order to satisfy the requirement for BIOL 191 and BIOL 191L in the Exercise Science major.

The following information explains the transfer of students' general education courses:

- TU will recognize the courses in Table 1 (see section 1) as a completed general education program. Students will receive a core package that satisfies most of the TU Core Curriculum without the need for course-by-course placement in specific Core Curriculum requirements.
- When a course selection is not specified for a general education requirement, students may choose any course. Course selections for general education requirements are specified in this agreement only if they are specified in the Harford CC catalog or if they will satisfy a TU major requirement.
- Students will only need to complete two Core Curriculum requirements at TU. Students will complete the Advanced Writing Seminar (Core 9) and Ethical Perspectives (Core 14) requirements. If students take an ethics course as one of the Arts & Humanities electives at Harford CC, they will need to complete a different requirement than Core 14 at TU.

### GENERAL ELECTIVES

- Students must take **MATH 101 College Algebra (GM)** as a general elective because college-level algebra or higher is required to enroll in multiple upper-level courses in the Exercise Science major at TU. If a student is eligible to enroll in a higher math, they can choose to take MATH 109 Precalculus Mathematics, MATH 203 Calculus I, or MATH 212 Calculus with Applications instead of MATH 101.
- Students may take any other elective course as their second general elective. Course transferability should be confirmed prior to enrollment. Students may consult their Harford CC advisor for assistance with picking an elective.

### LOWER-LEVEL EQUIVALENTS OF UPPER-LEVEL COURSES

A course number beginning with T is a lower-level equivalent of an upper-level TU course. KNES T72 and KNES T98 will satisfy 6 credits of major electives but will not count toward the TU degree requirement for 32 upper-level units.

### **Section 3: Degree Requirements to Be Completed at TU**

This section outlines the degree requirements for students transferring into the Exercise Science major. Students will examine the relationship between exercise and human performance and study the role of physical activity in the promotion of healthy lifestyles. This major prepares students for careers in exercise and wellness settings and/or for graduate studies in related fields. Refer to section 4 for additional major requirements, recommendations, and university-wide degree requirements.

#### **CORE CURRICULUM REQUIREMENTS: 6 UNITS**

Core 9 Advanced Writing Seminar – Satisfied by the major requirement for KNES 469

Core 14 Ethical Perspectives

#### **REQUIRED EXERCISE SCIENCE COURSES: 15 UNITS**

KNES 313 Physiology of Exercise (3 units)

Select one of the following for 3 units:

- KNES 361 Exercise Psychology
- KNES 355 Psychology of Sport

KNES 364 Clinical Exercise Assessment and Preparation (3 units)

KNES 367 Quantitative Research Methods (3 units)

KNES 469 Advanced Writing for Research in Exercise Science (3 units counted in Core Curriculum)

Select one of the following for 3 units:

- KNES 311 Biomechanics
- KNES 341 Concepts of Motor Learning
- KNES 217 Functional Anatomy for Exercise Science

#### **EXERCISE SCIENCE ELECTIVES: 9 UNITS**

Students must complete a minimum of three KNES electives. Elective courses may not be applied to any other requirement within the major. Because the list of approved electives may be subject to change based on course availability, students should consult the current TU catalog and Department of Kinesiology for a current list when they transfer to TU.

#### **ADDITIONAL REQUIRED COURSES: 4-5 UNITS**

Select one of the following for 4 or 5 units:

- PHYS 202 General Physics for the Health Sciences (5 units)
- PHYS 211 General Physics I Non Calculus-based (4 units)

#### **GENERAL ELECTIVES: 22 UNITS**

The number of elective units required will be determined by the total units completed within the major. General elective units can be satisfied by additional major electives or courses for personal interests. Students may also consider adding a minor, which usually requires 18-24 units.

## Section 4: Additional Requirements & Recommendations for TU Degree Completion

### ADDITIONAL REQUIREMENTS & RECOMMENDATIONS FOR EXERCISE SCIENCE MAJORS:

- No more than 9 units of field experience, internship, or independent study coursework may be counted as elective coursework in the major.
- A maximum of 6 units is allowed for KNES 398. If students are interested in completing another internship, they may repeat KNES 398 once at TU for 3 units.
- If students take any lower-level major electives at TU, they will need to complete upper-level courses in their general electives.

### BACHELOR'S DEGREE REQUIREMENTS FOR ALL STUDENTS:

- A C (2.0) or higher is required in all major courses and prerequisites.
- A cumulative grade point average (GPA) of 2.0 is required.
- 32 units of the bachelor's degree must be completed at the upper level (courses numbered 300 or above).

### Degree Completion Summary

<b>Total Units Required for B.S. Degree</b>	<b>120 UNITS</b>
<b>Harford CC A.S. Degree in Exercise Science</b>	<b>60</b>
<b>Completion of Core Curriculum at TU</b>	<b>6</b>
<b>Major in Exercise Science at TU</b>	<b>28-29</b>
<b>General Electives Taken at TU</b>	<b>25-26</b>